

IN THE ABSTRACT:

Please amend the abstract as follows:

-- This present invention relates to a method of creating a shell element analytical model for two-dimensional analysis from a three-dimensional solid analytical model by a finite element method on the basis of three-dimensional geometric data designed by three-dimensional CAD. An analytical model conversion method of this invention is an An analytical model conversion method of converting converts a three-dimensional analytical model into a two-dimensional analytical model[[.]] which, The method includes the steps of generating tetrahedral solid elements for an input three-dimensional geometric model, and connecting the intermediate modes of sides that extend in the direction of plate thickness in each solid element to generate a triangular or rectangular shell element. --